



City of Chicago
Richard M. Daley, Mayor

Department of Public Works

David S. Williams, Jr.
Commissioner

Louis Koncza
City Engineer

Bureau of Engineering
Room 700
320 North Clark Street
Chicago, Illinois 60610
(312) 744-3544

APR 30 1991

EPA Region 5 Records Ctr.



300924

Mr. Rob Sulski
Illinois Environmental Protection Agency
1701 South First
Suite 600
Maywood, Illinois 60153

Reference: South Stony Island Avenue
103rd Street to 122nd Street

Dear Mr. Sulski:

A meeting was held on April 9, 1991 in the office of the City Engineer regarding the status of the Stony Island Improvement Project, the attendance sheet is attached. The purpose of the meeting was to discuss the results of tests made on ditch water in the area from approximately 106th to 114th Streets. Attached please find a copy of the test results as performed by the City of Chicago Department of Water, Water Purification labs. The test results were discussed in detail and it was the general consensus that the water, while not suitable for drinking, did not indicate excessive toxic levels of any of the elements tested. It was also the general consensus that the ditch water found, except for its coloration, may be typical of the surrounding surface water. It was agreed that follow-up testing would be performed to corroborate these tests and that Ph testing be conducted over the length of the project while construction is ongoing.

Based on the results of water testing and discussion at the meeting, the City of Chicago is proposing to change the design of the roadway improvement so that no excavation into the sub-grade take place and that the existing sheet flow drainage be maintained rather than channellizing the run-off into ditches. The existing ditches along the east side of Stony Island Avenue between 106th Street and 110th Street which had been excavated will be backfilled with clay to previous elevations. Drainage along the west side of Stony Island Avenue between 106th Street and 110th Street will flow into the existing Metropolitan Water Reclamation District Ditch which is collected within the landfill site and handled according to existing permit procedures.

RECEIVED
IL ENVIRONMENTAL PROTECTION
AGENCY

MAY 3 1991

DIV. WATER POLLUTION CONTROL
Field Operations Section - Reg. 2

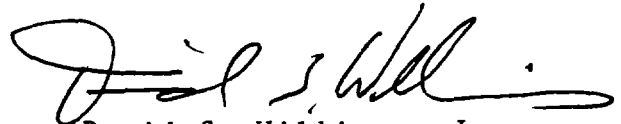


APR 30 1991

We are requesting your concurrence in these procedures. We are also requesting that the IEPA toxicology lab review the results of the water tests to determine if any special handling procedures are required for workers who may come in contact with such water.

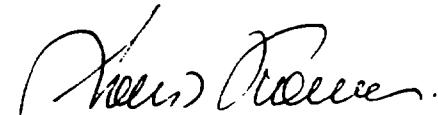
Currently, work on this contract has been suspended pending a determination of the suitability of the revised scope of work indicated herein. We ask that you respond at your earliest convenience. Thank you for your consideration in this matter.

Very truly yours,



David S. Williams, Jr.
Commissioner

Originated by:



Louis Koncza
City Engineer

cc: Mr. Carl Strohm
Metropolitan Water Reclamation District

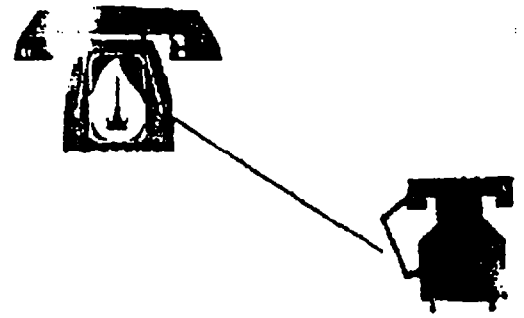
Mr. John Rogner
Chicago District Army Corps of Engineers

April 9, 1991
 Stony Island Improvement

Name	Organization	Phone
Tim Manti	City DPW Eng'g	744-3520
James D Murray	Head Attorney - MWLD	751-6577
CARL STROHM	ENV. PLANNER - MWLD, ENG	751-4046
DICK HANKETT	Dep. Comm'r - Bur. ^{DPW} Transp.	744-7706
Phil Byron	DPW - BTPP	744-7843
R. Muntz Yedavall.	DPW Construction Mgmt.	744-3665
Karen Thomas-Hordon	City of Chicago	744-4936
Paul Valdivia.	City of Chicago. Env. Div.	744-8181
Louis Kavage	City of Chicago DPW	744-3544
Don Pries	Chicago DPW/Engineering	744-9050
Rich King	Chicago DPW BOCM	744-3555
Bruce Worthington	DPW-BOCM Corp. Eng'r	471-5443
Rob Mulek	IEPA	708-531-7900
Ted Magner	DPW-Eng	744-3530

BUREAU OF WATER OPERATIONS

FACSIMILE TRANSMISSION



DATE: Apr 1, 1991

744-1529

TO:

Tim Martin

FIRM:

DPW

LOCATION:

320 N. Clark

FAX #:

744-9196

FROM:

Carlton Duke

City of Chicago

Department of Water

Bureau of Water Operations

1000 East Ohio Street

FAX # (312) 744-0751

TELEPHONE # 744-3702

COMMENTS:

NUMBER OF PAGES INCLUDING COVER 3

~~For:~~ Raul Valdivia - Fax No. 744-1529

From: Ted Maynard

CITY OF CHICAGO
DEPARTMENT OF WATER
PURIFICATION DIVISION LABORATORIES
CHEMISTRY UNIT

Date: 3-25-91

Date collected: 3-20-91
Collected by: A.W./ WQSS
Date Rec'd in Lab: 2-25-91

Sample Source: East ditch
Location: Stony Island 103rd-122nd
Submitted by: Dept of Public Works

COMPREHENSIVE ANALYSIS

PARAMETER

WQSS No	Q136	Q135
Lab No.	1C113	1C114
Sample	Station 77+50' East Ditch	Station 98 + 0.0' East Ditch
pH, Std. Units	8.6	8.8
Chloride, mg/L	333	1,245
Fluoride, mg/L	0.47	0.78
Phenol, ug/L	4.3	2.0
Residue, non filtrable, mg/L	125	27
Residue, filterable, mg/L	2,095	4,023
Oxygen Demand, chem, mg/L	212	420
Oxygen Demand, Biological, mg/L	33	70
Dissolved oxygen, mg/l	8.6	6.2
Nitrogen, ammonia, mg/L	119.4	282.3
Nitrogen, NO2/NO3, mg/L	0.09/0.18	0.11/0.14
Nitrogen, TKN, mg/L	146	288
Cyanide, mg/L	<0.002	0.010
Oil and Grease, mg/L	<0.5	<0.5

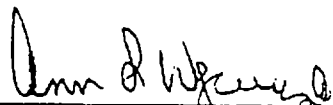
To: Raul Valdivia - Fax No. 744-1529

From: Ted Maynard


PARAMETER

Boron, ug/L	10.6	16.4
Cadmium, ug/L	<1	3
Chromium, ug/L	6	6
Copper, ug/L	7	165
Iron, Total, ug/L	1,428	2,158
Lead, ug/L	<3	<3
Magnesium, mg/L	83.5	45.5
Silver, ug/L	<1	19
Strontium, ug/L	317	321
Zinc, ug/L	16	16

Analyst: Staff



Chief Water Chemist


Director, Water Purification Labs.


Engineer of Water Purification